

ALUPREM[®]

TG-70 • TG-50 • TG-35 • TG-25

Ultra-White Aluminum Hydroxide

	TG-70	TG-50	TG-35	TG-25
CHEMICAL ANALYSIS (Typical)				
Al(OH) ₃ content, %	99.6	99.6	99.6	99.6
Na ₂ O, %	< 0.1	< 0.1	< 0.1	< 0.1
Max, %	0.3	0.3	0.3	0.3
SiO ₂ , %	0.02	0.02	0.02	0.02
Fe ₂ O ₃ , %	0.01	0.01	0.01	0.01
Moisture Content (105° C), %	0.1	0.1	0.1	0.1
Max, %	0.3	0.3	0.3	0.3
Loss on Ignition (LOI) (1200° C), %	34.5	34.5	34.5	34.5
PHYSICAL PROPERTIES (Typical)				
Whiteness R 457	95	95	95	95
Min	94	94	94	94
Particle Size (laser, Sympatec) - d ₅₀ , (µm)	70	50	35	25
Specific Density (g/cm ³)	2.4	2.4	2.4	2.4
Bulk Density (kg/m ³)	1050	1000	950	900

The information herein is believed to be correct and reliable; however, no warranty is given concerning the accuracy of these data, merchantability or fitness for a particular use.